

Date/Day: 17th August 2026 (Monday)

Title: National Conference on “Emerging Trends in AI & Network Pharmacology”
Celebrating National Pharmacology Day.

Objective:

The major objectives of the National Conference were:

1. To create awareness regarding the emerging applications of Artificial Intelligence (AI) in pharmaceutical and biomedical research.
2. To introduce participants to the principles and applications of Network Pharmacology.
3. To understand the transition from the conventional “one drug–one target” concept towards multi-target and systems-based drug discovery.
4. To explore the role of computational approaches in modern drug design and drug discovery.
5. To promote interdisciplinary scientific thinking among undergraduate students, postgraduate students and Ph.D. scholars.
6. To provide a platform for young researchers to present their research through E-Poster Presentations.
7. To encourage scientific communication, research networking and exchange of ideas among participants from different geographical regions.

Program Outcome: PO2, PO3, PO4, PO6, PO7, PO8

Details of the Resource Person/Event:

The Department of Pharmacology, Maharashtra Educational Society's H. K. College of Pharmacy organized a National Conference entitled “Emerging Trends in AI & Network Pharmacology” on 17th August 2026 as part of the celebration of National Pharmacology Day.

The conference was organized with Dr. Tushar Lokhande as Convener, Dr. M. N. Saraf as Chairperson, Dr. Akanksha Singh and Ms. Nikhat Khan as Organizing Secretaries, and Dr. Archana Upadhyaya, Dr. Anuradha Pai and Mr. Amol More as members of the organizing team.

The scientific sessions were delivered by distinguished resource persons:

1. Dr. Nilima Arun Kshirsagar

Keynote Address: “Translational Research throughout Life Cycle of Product – Need for Collaboration”

Dr. Kshirsagar has had a distinguished career in clinical pharmacology and has served in several important national and international scientific roles. According to her official WHO biography, she has been a Member of the WHO International Working Group for Drug Statistics Methodology and

has also served on the WHO Malaria Policy Advisory Committee. She has held prominent positions in ICMR and has served as Dean, Director of Medical Education and Health, and Head of Clinical Pharmacology at Seth GS Medical College and KEM Hospital, Mumbai.

A particularly significant contribution associated with Dr. Kshirsagar is the development of liposomal amphotericin B and its drug-delivery system. Her work involved the development and clinical translation of liposomal drug delivery technology, with the product subsequently patented and technology transferred for pharmaceutical development. Wikipedia records that she developed and patented liposomal amphotericin B and its drug-delivery system in 1993. Her scientific publication on “Liposomal drug delivery system from laboratory to clinic” further documents the translational aspects of this work.

The keynote session emphasized the importance of translational research and collaboration throughout the product-development life cycle. The session highlighted the integration of basic research, pharmacology, formulation, clinical research, regulatory science and industrial expertise.

2. Dr. Shweta More

Topic: “Network Pharmacology: Transforming Drug Discovery from ‘One Drug - One Target’ to Multi-Target Precision Medicine”

The session introduced Network Pharmacology as an interdisciplinary approach integrating pharmacology, systems biology, bioinformatics and computational analysis. It focused on multi-target drug discovery, drug–target–pathway interactions, complex disease mechanisms and mechanism-based drug discovery.

3. Dr. Mahesh Kumar Borkar

Topic: “Integrating Computational Approaches in Modern Drug Design and Discovery”

The session focused on the importance of computational approaches in the drug-discovery pipeline, including molecular interactions, identification of potential lead molecules, optimization of drug candidates and integration of computational methodologies with conventional pharmaceutical research.

Participants Details:

The conference was attended by 51 participants, including students, research scholars, faculty members and participants from different geographical regions.

Participants represented Mumbai, Navi Mumbai, Pune, Vangani, Sindhudurg, Rajkot and other regions.

The conference also included UG, PG and Ph.D. participants for E-Poster presentations.

Total no. of college students: 44

Total no of Faculty: 7

Summary of the Lecture/Activity:

Programme Overview: The National Conference began with a tribute to Dr. R. N. Chopra, the Father of Pharmacology, as part of the National Pharmacology Day celebration. This was followed by the welcome address delivered by Dr. Tushar Lokhande.

Scientific Sessions: The programme featured expert sessions by Dr. Nilima Arun Kshirsagar on translational research and collaboration, Dr. Shweta More on Network Pharmacology and multi-target drug discovery, and Dr. Mahesh Kumar Borkar on computational approaches in modern drug design and discovery.

E-Poster Presentation Competition: The conference included an E-Poster Presentation Competition from 2:00 pm to 4:00 pm, covering diverse areas of pharmaceutical and biomedical research. Undergraduate, postgraduate and Ph.D. participants presented their work, which was evaluated on scientific content, originality, relevance and presentation quality.

Valedictory Session: Three winners were felicitated with medals and certificates. The event concluded with the Valedictory Function and Certificate Distribution.

Awards and Recognition

Following the E-Poster presentations, the submitted presentations were evaluated based on scientific content, originality, relevance, presentation quality and effective communication of the research. The award component was intended to encourage young researchers and students to actively participate in scientific conferences and develop research communication and presentation skills. The conference brochure had specifically announced awards for the top E-Poster presentations and recognition through medals and certificates.

Winners List

Sr. No.	Category	Position	Name of Winner	College Name
1.	UG	1 st Prize	Urvi Maurya	Oriental College of Pharmacy
2.	UG	2 nd Prize	Sumaiya Shaikh	Oriental College of Pharmacy
3.	UG	3 rd Prize	Divyasri Bhandari	Oriental College of Pharmacy
4.	PG	1 st Prize	Sayli Gaikwad	Bhartiya Vidyapeeth college of pharmacy
5.	PG	2 nd Prize	Pradnya Tiwari	Oriental College of Pharmacy
6.	PG	3 rd Prize	Suha Momin	Bhartiya Vidyapeeth college of pharmacy
7.	Ph.D	1 st Prize	Tahsin Attar	Krishna Institute of Pharmacy, Karad

Sr. No.	Category	Position	Name of Winner	College Name
8.	Ph.D	2 nd Prize	Nilkamal Waghmare	Bhartiya Vidyapeeth college of pharmacy
9.	Ph.D	3 rd Prize	Mohammad Abuzar Shaikh Umer	D. Y. Patil School of Pharmacy, Pimpri.

Brochure/Photo Gallery:



Maharashtra Educational Society's
H. K. COLLEGE OF PHARMACY
NAAC Accredited with Grade 'A'.
Approved by P.C.I., D.T.E. (Govt. of Maharashtra)
&
Affiliated to University of Mumbai.



Department of Pharmacology
Celebrates
National Pharmacology Day
by
Organizing

National Conference
On
Emerging Trends In AI & Network Pharmacology

DATE: AUGUST- 17, 2026
VENUE: H.K. COLLEGE OF PHARMACY, PRATIKSHA NAGAR, OSHIWARA, JOGESHWARI (W), MUMBAI- 400 102

📌 **Call for Abstracts: UG Students – Review & Research Abstracts**
PG Students & Ph.D. Scholars – Only Research Abstracts
💻 **E-Poster of Selected participants will be considered for presentations at the venue**
🏆 **Awards: Top Three Review & Research E-Poster Presentations from each category**
UG/PG & Ph.D will receive Medals and Certificates.

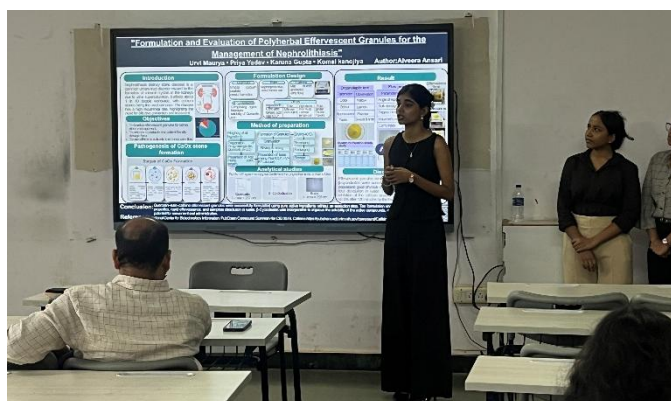
Last Date for Abstract Submission: 10TH August, 2026
Note: Participation Certificates will be awarded to all registered participants

Dr. Tushar Lokhande Convener Principal	Dr. M.N Saraf Chairperson Prof. & HOD Pharmacology Vice President Indian Pharmacological Society	Dr. Akanksha Singh Ms. Nikhat Khan Organizing Secretary
Dr. Archana Upadhya Organizing Committee Member (Department of Pharmacology)	Dr. Anuradha Pai Organizing Committee Member (Department of Pharmacology)	Mr. Amol More Organizing Committee Member (Department of Pharmacology)

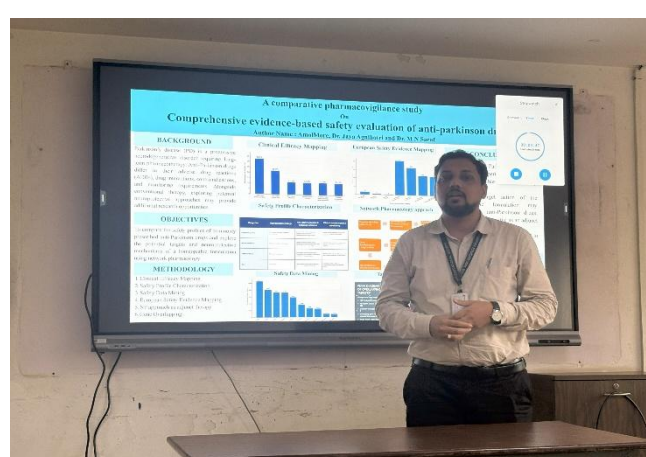
VISION: To be recognized as an Institution providing quality education in pharmacy to serve the healthcare sector.



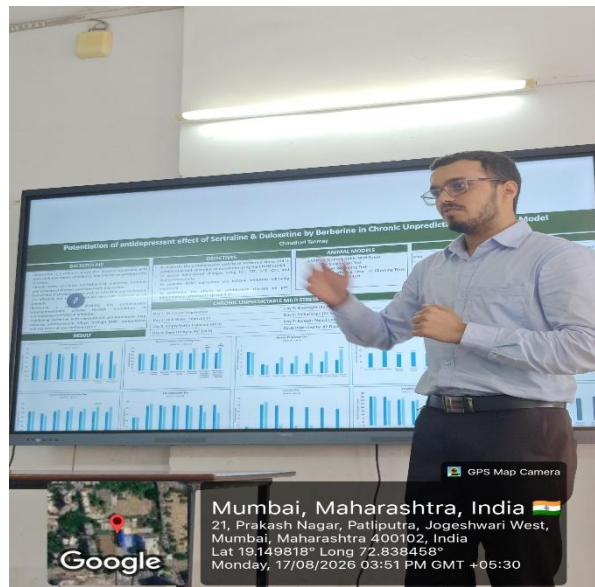
B.Pharm E-poster Presentations



Ph. D E-poster Presentations



M.Pharm E-poster Presentations





Key Outcome of the Lecture/Activity:

- Participants developed awareness regarding the emerging applications of Artificial Intelligence in pharmaceutical research.
- Participants gained an understanding of Network Pharmacology and its applications in multi-target drug discovery.
- The conference highlighted the integration of pharmacology, computational science, bioinformatics and systems biology.
- Participants were introduced to computational approaches used in modern drug design and discovery.
- The keynote session emphasized the significance of translational research and collaboration throughout the product-development life cycle.
- UG, PG and Ph.D. researchers received an opportunity to present their scientific work through E-Posters.
- The E-Poster competition enhanced the scientific communication, presentation and research skills of young researchers.
- The conference promoted interaction and exchange of scientific ideas among participants from different geographical regions.
- The programme encouraged interdisciplinary learning, innovation and research networking.
- The conference demonstrated the growing importance of integrating conventional pharmacological approaches with AI-driven and computational methodologies for modern drug discovery and development.

Link for social media:

LinkedIn	https://www.linkedin.com/posts/h-k-college-of-pharmacy-mumbai-303524222_mes-hk-college-of-pharmacy-celebrated-national-activity-7500868737772941312-bKRe?utm_source=share&utm_medium=member_desktop&rcm=ACoAADf2WrMBUFgAeZVznddoMfc3VtpDnyqdS4Y
Facebook	https://www.facebook.com/photo/?fbid=1561279532678350&set=pcb.1561280259344944
Instagram	https://www.instagram.com/p/DcyQ-CACM1R/?utm_source=ig_web_copy_link&igsi=MzRIODBiNWFIZA==

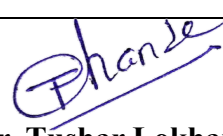

Dr. Akanksha Singh


Ms. Nikhat Khan

Organizing Secretary


Dr. M. N. Saraf
Chairperson


Dr. Archana Upadhya
IQAC Co-ordinator


Dr. Tushar Lokhande
Principal

